

WHAT IS CLAIMED IS:

1. A method, comprising:  
obtaining, at a first node, information indicative of  
a network condition;  
5        encapsulating said information into an HTTP protocol;  
and  
      sending said HTTP protocol to a network managing node.
2. A method as in claim 1, wherein said information  
10    is SNMP information.
3. A method as in claim 1, wherein said HTTP protocol  
is an HTTPs protocol.
- 15    4. A method as in claim 1, wherein said encapsulating  
comprises forming an HTTP message including said  
information therein.
5. A method as in claim 1, wherein said information  
20    is textual information, and wherein said encapsulating  
comprises forming an HTTP message including said textual  
information therein.
6. A method as in claim 5, wherein said HTTP message

includes tags indicating SNMP information.

7. A system, comprising:

5 a first, monitoring computer, running a first program  
that monitors a network connection;

a second, monitored computer, running a second program  
which allows said first program to monitor some aspect of  
the network connection;

10 a connection between said first and second monitored  
computers, said connection including a firewall which  
blocks at least some kinds of communications but does not  
block HTTP communications; and

15 at least one of said first and second computers  
running a third program that encapsulates said network  
information into HTTP protocol.

8. A system as in claim 7 wherein said third program  
is part of one of said first and second programs.

20 9. A system as in claim 7 wherein said first and  
second programs each operate based on SNMP protocol.

10. A system as in claim 7 wherein said HTTP  
information is HTTPs information.

11. A system as in claim 9, wherein said encapsulating comprises forming tags in the HTTP protocol which represent said SNMP information.

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12. A method, comprising:

forming an SNMP request for information from a remote computer, in a management station computer;

changing said SNMP request to a form which will be  
10 passed by a firewall as a changed SNMP request; and

sending said changed SNMP request to said remote computer through said firewall.

13. A method as in claim 12, wherein said changed  
15 SNMP request is an SNMP request which is encapsulated into HTTP protocol.

14. A method as in claim 13 wherein said HTTP protocol includes a secure socket layer.

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15. A method as in claim 13, wherein said changed SNMP request includes tags in a style usually used by said HTTP protocol.

16. A method as in claim 12 further comprising:  
receiving said changed SNMP request in said remote  
computer; and  
changing said changed SNMP request into a standard  
5 SNMP request.

17. A method as in claim 16, further comprising:  
In said remote computer, preparing an SNMP response;  
encapsulating said SNMP response as a changed SNMP  
10 response; and  
sending said changed SNMP response through said  
firewall to said management station computer.

18. A method as in claim 17 further comprising, at  
15 said management station computer, changing said changed  
SNMP response to a standard SNMP response.

19. A computer program, embodied on tangible program  
media, containing instructions causing a computer to:  
20 detect SNMP format network information;  
encapsulate said SNMP format network information into  
an HTTP format as encapsulated SNMP information; and  
send said SNMP information to a remote location.

20. A program as in claim 19, wherein said SNMP  
format network information is an SNMP request.

21. A program as in claim 19 wherein said SNMP format  
5 information is an SNMP response.

22. A program as in claim 19 wherein said HTTP format  
is an HTTPs format.

10 23. A program as in claim 19 wherein said  
instructions further cause the computer to encapsulate said  
SNMP information using a secure socket layer.

24. A program as in claim 19 wherein said  
15 encapsulating comprises forming HTML tags representing SNMP  
information.